

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- TASK NO. AMENDMENT <b>99124 342</b>	440-839-06-51 -89	00

TASK TITLE: (NTE 80 characters; include Project name)

**Airborne Support Equipment (ASE) Development for the Nexus Project**

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Eric Krupacs <i>Eric Krupacs</i>	8/21/00	442	442	286-1456
BRANCH HEAD	DATE	CODE		PHONE
Mark Jarosz <i>Mark Jarosz</i>	8/21/00		442	286-8084
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Robert S. Lehair, Jr. <i>Robert S. Lehair, Jr.</i>	8/21/00	560		286-6588
FLIGHT HARDWARE, CRITICAL GSP OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
(X) NO ( ) YES	Larry Moore			

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reqs and Certs.

(To be completed by Contracting Officer)  
**C.O. Requested Quote on:**  
**Date: AUG 22 2000**

Contractor will develop specification or statement of work under this task for a future procl (X) NO ( ) YES

Flight hardware will be shipped to GSFC for testing prior to final del (X) NO ( ) YES ( ) N/A

Government Furnished Property/Facilitie (X) NO ( ) YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ( ) NO (X) YES If yes: (X) TOTAL ( ) PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: (X) NO ( ) YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 8/22/00.

**INCENTIVE FEE STRUCTURE (check one)**

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	No. 3	No. 4	X No. 5
Cost	10%	50%	25%	25%	10%
Schedule	15%	25%	25%	50%	40%
Technical	75%	25%	50%	25%	50%

(To be completed by Contracting Officer)

The target cost of this task order \$ 136,811

The target fee of this task order \$ 8,766

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract \$145,577

The maximum fee is: \$12,812

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

*Elizabeth J. Austin*  
SIGNATURE OF CONTRACTING OFFICER

9/21/00  
DATE

**ELIZABETH J. AUSTIN**  
**CONTRACTING OFFICER**

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

CONTRACTOR

CONTRACT NO./TASK NO.

QSS Group, Inc.

NAS5-

99124

TASK NO.

342

AMENDMENT

Applicable paragraphs from contract Statement of Work:

**STATEMENT OF WORK:** (Continue on blank paper if additional space is required)

Perform systems engineering and analyses to support the Nexus Project for payload Airborne Support Equipment (ASE) configuration. This includes conceptual trades, structural and dynamic assessments, operational studies, including deployment scenarios and shuttle flight and ground safety assessments. Additional interface assessments between Nexus subsystems to the HST supplied Nexus ASE (analyses, operations, deployments, launch vehicle) including the upper stage avionics, structures, thermal, mass properties, and the SRM interfaces.

**PERFORMANCE SPECIFICATIONS:**

Accurate and correct implementation of technical information into the ASE configuration for Nexus.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

**APPLICABLE DOCUMENTS:**

None.

**TASK END DATE:**

2/1/01

**MILESTONES/DELIVERABLES AND DATES:**

1. Deliver the proper ASE concept to support the Nexus program flight configuration and support Phase 0 flight safety needs: 1/31/01
2. Technical Progress Report: monthly, 15th of the month

**PERFORMANCE STANDARDS:**

**Schedule:** On-time delivery/completion of the deliverables/milestones

**Technical:** ATR's acceptance of the above

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Mark Jarosz, building 15, room 200F